

Please amend the application as follows:

IN THE CLAIMS

Please cancel claims 24-36, 38 and 54-60.

REMARKS

In response to the Restriction Requirement, applicant has canceled claims 24-36, 38 and 54-60 without prejudice (see below).

None of these amendments adds new matter. Their entry is respectfully requested.

The Drawings

The Drawings have been objected to by the Draftsperson for the reasons set forth in the Notice of Draftsperson's Patent Drawing Review (copy enclosed). Pursuant to 37 C.F.R. § 1.85, applicant has submitted herewith formal drawings amended according to the Draftsperson's instructions.

The Restriction Requirement

The Examiner has required restriction of the claims of this application under 35 U.S.C. § 121 into one of the following groups:

Group I: Methods for determining the three-dimensional structure of a molecule of interest (claims 1-23, 37, 39-53 and 61-69); and

Group II: Molecules of interest (claims 24-36, 38 and 54-60).

The Examiner contends that the Group I and Group II inventions are distinct. Specifically, the Examiner contends that the inventions of Group I and Group II are related as a process of making and the product made or identified, respectively.

The Examiner states that applicant must elect a first species directed toward a particular type of molecule of interest to which the claims shall be restricted if no generic claim is held to be allowable. Specifically, the Examiner contends that these molecules have distinct structural considerations of interest as to structure *per se* or regarding active sites therein.

The Examiner further states that applicant must elect a second species as follows:

Specie A: Methods wherein the structure of a molecule of interest only is determined without further consideration of ligand or drug binding or interaction;

Specie B: Methods wherein evaluation of drug or ligand binding or interaction is also practiced.

Specifically, the Examiner contends that species A and B are distinct in that drug or ligand binding requires the structure determination or fitting of two (2) molecules to each other and not the simpler method of only determining the structure of a single molecule of interest.

Applicant elects Group I for further prosecution in the present application. Currently pending claims 1-23, 37-53 and 61-69 read on the elected group.

Applicant also elects a macromolecular compound as the species for prosecution. Claims 1-23, 37, 39-53 and 61-69 read on the elected species.

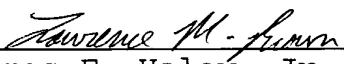
Applicant further elects the method wherein the structure has been determined for a molecule of interest without further ligand or drug binding or interaction consideration as the species for prosecution. Claims 1-12, 14-23, 37, 39-53, 61, and 62 read on the elected species.

Applicant makes this election without waiver of his rights to file divisional or continuing applications directed to any non-elected subject matter, which claim priority from this application under 35 U.S.C. § 120.

#### Conclusion

In view of the above, applicant requests that the Examiner examine claims 1-23, 37, 39-53 and 61-69 in this application. Applicant requests favorable consideration and early allowance of the pending claims.

Respectfully submitted,

  
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